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**CHEMICAL DEPARTMENT**

**CHEMICAL HAZARDS SECTIONAL COMMITTEE**

**CHD 07**

**RESOLUTION OF 14th MEETING**

Date/Day/Time: 27th September 2024, Friday, 10:30 AM

Venue: Virtual

Chairperson: Dr.Lali R. Gabhane, DG, National Safety Council

Member Secretary: Ms. Shubhanjali Umrao, Sc-C, CHD

**MEMBERS PRESENT**

1. Shri K Srinivasan, AMAI
2. Shri. H. S. Das, AMAI
3. Dr. Diptendu Das, AERB
4. Shri Vishvajit Bhatkhande, AERB
5. Dr Pankaj Kumar Kanujia, CSIR-IIP,Dehradun
6. Dr Sheelendra Pratap Singh, IITR Lucknow
7. Ms Dipti Barui Bose, CFEES
8. Dr. Prabhat Garg, DRDE Gwalior
9. Dr. Virendra Vikram Singh, DRDE Gwalior
10. Shri Muraleekrishnan R, ISRO
11. Dr. Kunal Sharma, DGFASLI
12. Shri Anoop Tandon, GIA
13. Shri. Balasubrahmanyam, GIA
14. Shri Sanjay Harlaka, HUL
15. Dr. C. Nandi, ICC Mumbai
16. Shri. Dhrumil Soni, ICC Mumbai
17. Dr. B. M. Bhanage, ICT Mumbai
18. Shri. Amit Vashishtha, MoEF&CC
19. Prof. S.P. Sivapirakasam, NIT Trichy
20. Dr. Sreejith Mohan, NIT Trichy
21. Shri Amit Sharma,OISD
22. Shri Mohammad, SAMA
23. Shri. Amit Singh, Shriram Institute for Industrial Research, Delhi
24. Dr. Jagdish Kumar, Shriram Institute for Industrial Research, Delhi
25. Shri. D K Thakur, Tata Chemicals Ltd.
26. Shri. S Soundararajan, In Personal Capacity

***Resolution CHD07/2024:01/R-8***

The Committee decided to write to the Director of the Indian Institute of Technology, Hyderabad, to confirm the existing nomination. In case of any changes, the details of the updated nomination should be provided, as both representatives from IICT, Hyderabad, have neither attended the last three consecutive meetings nor submitted comments on the document

***Resolution CHD07/2024:01/R-9***

**1.** The Committee decided not to accept the Co-option request from Shri. Ashish Shah and Shri. Manan Shah, from **Ambetronics Engineers Private Limited** as their expertise is not relevant to scope of Chemical Hazards Sectional Committee. However, request may be transferred to CHD 06, for consideration.

**2.** The Committee decided to Co-opt Shri. Amit Kumar in CHD 07: P3 and on the basis of his contribution in CHD 07: P3, he may be considered for co-opt in CHD Sectional Committee.

**3.** The Committee decided to not accept the co-option request received from Ms. Surbhi Dahiya as her expertise is not relevant to scope of Chemical Hazards Sectional Committee. However, she may be added to the additional mailing list so that all circulated documents are made available to her for submission of comments.

***Resolution CHD07/2024:01/R-10***

The Committee decided to issue the following documents into wide circulation after discussion in CHD 07: P3:

1. IS 4544 : 2000 Ammonia - Code of safety

2. IS 14200: 1994 Hydrogen Peroxide – Code of Safety

3. IS 15548: 2005 Hydroflurocarbon- Code of Safety.

4. IS 6818: 1973 Code of Safety for Phosphoric Acid.

5. IS 15738: 2007 Stable Bleaching Powder-Code of Safety

6. IS 6953: 1973 Code of safety for bromine.

***Resolution CHD07/2024:01/R-11***

The Committee decided to finalize the following document and send them for printing on the basis of recommendation of CHD 07: P6 :

1. CHD/07/20672 Nitrous Oxide — Code of Safety
2. CHD/07/25638 IS 5931 (Part 1), Code of Safety for Cryogenic liquid Part 1 Liquid Oxygen (First Revision)
3. CHD/07/25639 IS 5931 (Part 2), Code of Safety for Cryogenic liquid Part 2 Liquid Nitrogen (First Revision)
4. CHD/07/25640 IS 5931 (Part 3), Code of Safety for Cryogenic liquid Part 3 Liquid Argon (First Revision)
5. CHD/07/25641 IS 5931 (Part 4), Code of Safety for Cryogenic liquid Part 4 Liquid Helium (First Revision)
6. CHD/07/25642 IS 5931 (Part 5), Code of Safety for Cryogenic liquid Part 5 Liquid Hydrogen (First Revision)
7. CHD/07/25643 IS 5931 (Part 6), Code of Safety for Cryogenic liquid Part 6 Liquid Krypton (First Revision)
8. CHD/07/25644 IS 5931 (Part 7), Code of Safety for Cryogenic liquid Part 7 Liquid Neon (First Revision)

***Resolution CHD07/2024:01/R-11***

The Committee requested GIA to provide the working document on following subjects:

1. GIA 005/11: Storage and handling of Silane and Silane mixtures
2. GIA 010/11: Hazards of inert gases and Oxygen depletion
3. GIA 014/13: Fire hazards of Oxygen and Oxygen enriched atmospheres

***Resolution CHD07/2024:01/R-12***

**1.** The Committee reconstituted CHD 07: P1 **Handbook on loss prevention due to Chemical Hazards** with following term of reference:

**Term of Reference of CHD 07: P1 Handbook on loss prevention due to Chemical Hazards**

**1.** The primary objective of the panel is to review the draft document submitted by the proposer and make recommendations on whether there is a need to formulate a standard on the proposed subject. If it is deemed unnecessary, the panel should provide detailed justification based on the analysis of the subject matter, including any overlap with existing standards, lack of relevance, or any other reason.

**2.** If the panel agrees that a standard should be formulated, it will prepare a working document outlining the scope, objectives, and framework for the proposed standard.

**3.** The panel will be responsible for reviewing and disposing of all comments received on the draft during the public consultation or stakeholder engagement process.

Additionally, the Committee also requested Panel member to first review the document provided by proposer and provide their recommendation regarding whether to formulate there is need to formulate standard on this subject or not. If not Panel also need to provide the same with detailed justification.

**2.** The Committee decided to once again write to Shri Sheelendra Pratap Singh, IITR to provide working document on Sodium Cyanide Code of Safety.

**3.** The Committee asked BIS Sectt. to coordinate with Shri. H S Das, AMAI and 1. Shri. Balasubrahmanyam, GIA to get list of manufacturer of this product. Further write to manufacturers to seek details or specification of chlorine leakage kit manufactured by them. Simultaneously constitute Panel under convenership of Shri. H S Das for preparing a working document on this subject.

***Resolution CHD07/2024:01/R-13***

The BIS Secretariat demonstrated the IR Portal to the Committee members and guided them on how to use the portal to view ISO ballots shared with them, submit their inputs, and express interest in becoming designated members for ballots. The Committee reviewed the ISO ballot list and nominated designated experts for the working documents (NP, NWIP, CD, DIS).

***Resolution CHD07/2024:01/R-14***

The Committee decided to share the report on IS 4644, IS 8388 submitted interns to CHD 07: P3 for review and provide their recommendation on whether the revised standards may be issued into wide circulation or not.